FOSTER MANTELS

INSTALLATION OF A FOUR-PIECE MANTEL

Equipment needed for dry wall location: Hammer, nailset, variable speed electric drill, drill bits including Phillips head, drywall screws at least 3-1/2" long, molly bolt anchors with long bolts, 1-1/2" finishing nails or finishing screws, level, stud finder, "Liquid Nail" construction adhesive or equivalent, and wood-fill putty.

For brick location: Masonry drill and heavy-duty masonry anchors and companion bolts or screws that will extend 1¾" outside the anchor (for mounting board) when fully screwed into anchor. Use at least three to mount cap and two for each leg.

READ ALL INSTRUCTIONS AND REVIEW DIAGRAM ON BACK BEFORE BEGINNING THE INSTALLATION TO GET A THOUROUGH UNDERSTANDING OF THE PROCESS.

General sequence of steps: Momentarily position backboard (skirt) and cap on fireplace in order to locate where they align, then install backboard and legs, then install mantel cap.

Step #1: Place legs in position and set cap on legs, aligning center of cap with center of fireplace. Insure top of mantel is level and legs are plum. Outside of legs should be at points A and B (see illustration on back).

Step #2: Lightly mark a line down the wall along the outside of each leg. Remove leg and measure thickness of inside leg return (Typically ½-3/4"). Measure inside original line this distance and mark a second line parallel to the first. This line marks the outside edge of the leg mounting board.

Step #3: Attach leg mounting boards to wall using both Liquid Nail adhesive and appropriate hardware for mounting structure (I.E. molly or toggle bolts into drywall and tapping or drywall screws into wood studs etc.).

Step #4: Set legs back up against mounting boards and place cap on legs. Check fit and appearance. Make adjustments as needed. Once mantel cap is in proper position lightly mark a line along the top back edge of cap.

Step #5: Measure thickness of top board in cap, measure down from first mark and scribe a parallel line below original line. This represents the location of the top of cap mounting board.

Step #6: Attach cap mounting board to wall using a generous amount of Liquid Nail and appropriate hardware for mounting structure (I.E. molly or toggle bolts into drywall and tapping or drywall screws into wood studs etc.).

Step #7: Place legs in position against mounting boards. Attach legs to mounting boards with small finishing nails or wood screws approximately every 12-18".

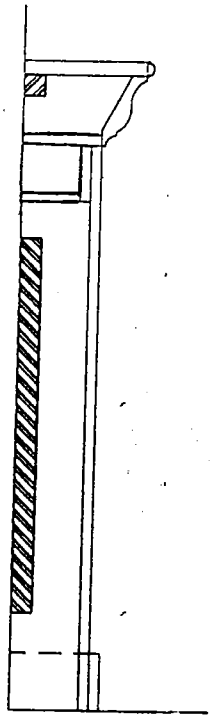
Step #8: Place backboard (BB) into slot on inside leg returns with backboard return facing down, roughly 3" of BB will extend into leg cavity. Attach backboard to legs using small finishing nails and Liquid Nail adhesive.

Step #9: Place cap back onto legs, backboard, and cap mounting board. Attach cap to mounting board with a liberal amount of Liquid Nail adhesive and finishing nails every 12-18".

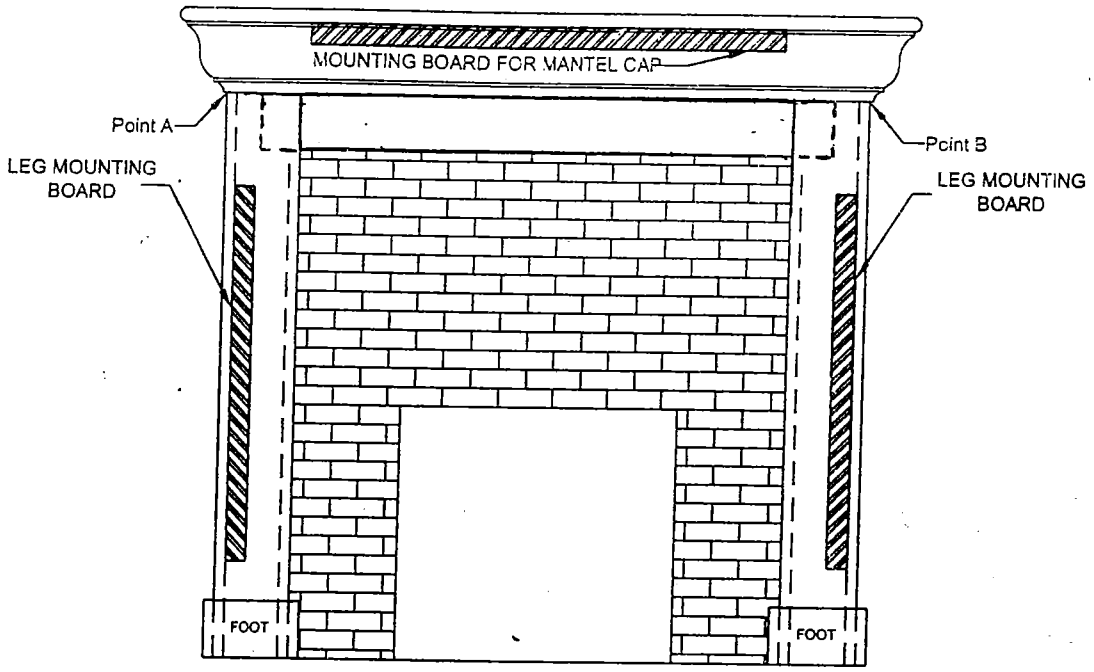
Step #10: Fill all nail holes and, if necessary, trim the inside of the mantel with the trim supplied. Also, caulk seam between mantel and wall if required. Allow glue to dry overnight before using.

Safety considerations: Do not put heavy weight on mantel: over 25 pounds is not recommended. Do not let children pull on mantel. Check local fire code and instructions from manufacturer of your fireplace insert or stove for proper clearances between any wood mantel surface and firebox opening (usually 12"). Foster cannot be responsible for incorrect installation of mantels.

SIDE VIEW WITH MOUNTING BOARDS



DRAWING OF FOUR PIECE MANTEL WITH MOUNTING BOARDS



TOP VIEW WITH LEGS ALONG SIDE FIREPLACE BRICK OR TILE